

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC	DATE 28-JUN-15	F.R. # 1001163130	SERV. SUPV. Daniel F Kuenz
LEASE & WELL NAME SELTZER-E UNIT #1 - API 05123104900000	LOCATION 34-1N-67W		COUNTY-PARISH-BLOCK Weld Colorado
DISTRICT Brighton	DRILLING CONTRACTOR RIG # WO		TYPE OF JOB Squeeze-Top

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
----------------------	-------------------	---------------------	----	-----	--------------	----	-----

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ₃	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water			8.34					10
Class G+.01gpsFP6L		100	15.8	1.15	4.99	02:00	20.5	11.91
Fresh Water			8.34				0.25	
Class G+1%CaCl+.01gpsFP6L		100	15.8	1.15	4.99	02:00	20.5	11.89
Fresh Water			8.34				3	
Fresh Water			8.34				10	
Class G+.01gpsFP6L		410	15.8	1.15	4.99	02:00	84	48.73
Fresh Water			8.34				0.5	

Available Mix Water 80 Bbl. Available Displ. Fluid 80 Bbl. TOTAL 148.75 72.53

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	0	8340	8.097	8.625	24	CSG	299	299	J-55			
			4	4.5	11.6	CSG	4798	4798	J-55			

LAST CASING					PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
											2.375	REG	WATER BASED	9

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	WATER
5	BBLs	Fresh Water	8.34	0	0	0	2950	2360	0	0	Water Trucks
		Fresh Water	8.34								

Circulation Prior to Job											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: .75		Circulation Rate: 1 BPM			
Mud Density In: 9 LBS/GAL			Mud Density Out: 9 LBS/GAL			PV & YP Mud In: 12		PV & YP Mud Out: 12			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:						Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>					

Displacement And Mud Removal											
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: .25 BBLs					
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: Visual					
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES					
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE											
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD											

Plugs											
Number of Attempts by BJ: 1				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT				Bottom of Plug: 4798 FT			

Squeezes (Update Original Treatment Report for Primary Job)														
BLOCK SQUEEZE <input type="checkbox"/>			SHOE SQUEEZE <input type="checkbox"/>			TOP OF LINER SQUEEZE <input type="checkbox"/>			PLANNED <input type="checkbox"/>			UNPLANNED <input type="checkbox"/>		
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			PSI Applied: 0			Fluid Weight: 0 LBS/GAL					

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Rig circulating when we arrived on location

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 None

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION		
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/>	CO. REP. <input checked="" type="checkbox"/>	TEST LINES
								3596 PSI
							<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
								CIRCULATING WELL - RIG
04:00								YARD CALL
05:45								PRE-JOB CONVOY SAFETY MEETING
06:00								DEPART BHI YARD
06:10								ARRIVE ON LOCATION
06:15								SAFETY WALK AROUND ON LOCATION
06:20								PRE-RIG UP SAFETY MEETING
06:25								SPOT CEMENT EQUIPMENT ON LOCATION
06:30								RIG UP CEMENT EQUIPMENT
07:00								PRE-JOB SAFETY MEETING
07:20								MAKE UP TOP CONNECTION TO WELLHEAD
07:29	796	0	1	1	H2O			LOAD LINES, FRESH WATER SPACER
07:32	3596	0	0	0	H2O			PRESSURE TEST HARD LINES
07:36	1896	0	1.7	9	H2O			FRESH WATER SPACER
07:43	0	0	0	0	CEMENT			BATCH UP CEMENT SLURRY 15.8#
07:50	1900	0	1.6	20.5	CEMENT			100skts CLASS G @ 15.8# CEMENT SLURRY
08:04	9	0	.6	.25	H2O			FRESH WATER DISPLACEMENT
08:05								RIG PULLING 16 JOINTS TUBING
08:22								MAKE UP TOP CONNECTION TO WELLHEAD
08:23	0	0	0	0	CEMENT			BATCH UP CEMENT SLURRY 15.8#
08:26	1869	0	1.6	20.5	CEMENT			100skts CLASS G+1%CaCl @ 15.8# CEMENT SLURRY
08:39	609	0	1.1	3	H2O			FRESH WATER DISPLACEMENT
08:42	0	0	0	0	H2O			SHUT DOWN, RIG PULLING TUBING TO 1237'
08:48								WASH UP CEMENT PUMP TO CATCH TANK
09:00								SHUT DOWN, ALL EO'S OFF DUTY WELLSITE
09:30								ALL EO'S BACK ON DUTY
09:40								MAKE UP TOP CONNECTION TO WELLHEAD
09:49	869	0	2.1	10	H2O			FRESH WATER SPACER
09:58	0	0	0	0	CEMENT			BATCH UP CEMENT SLURRY 15.8#
10:03	1496	0	2.1	66	CEMENT			410skts CLASS G @ 15.8# CEMENTSLURRY
10:38	69	0	.6	.25	H2O			FRESH WATER DISPLACEMENT
10:39	0	0	0	0	H2O			SHUT DOWN, RIG CHECKING FLOW LINES TO CATCH TANK
10:48								RIG PULLING 15 STANDS TUBING
11:00	1896	0	1.6	14	CEMENT			410skts CLASS G @ 15.8# CEMENT SLURRY
11:10	36	0	.6	.25	H2O			FRESH WATER DISPLACEMENT
11:11	0	0	0	0	H2O			SHUT DOWN

CEMENT JOB REPORT



PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 3596 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
11:16						RIG PULLING 10 STAND TUBING	
11:29	609	0	1.1	4	CEMENT	410sks CLASS G @ 15.8# CEMENT SLURRY	
11:33	609	0	1	.25	H2O	FRESH WATER DISPLACEMENT	
11:34	0	0	0	0	H2O	SHUT DOWN	
11:36						RIG PULLING TUBING OUT OF HOLE	
11:40						WASH UP CEMENT PUMP TO CATCH TANK	
11:50						SHUT DOWN	
12:00						ALL EO'S OFF DUTY WELLSITE, WAITING ON RIG TO MOVE OFF WELLHEAD, DETERMINE IF ANY TOP OUT CEMENT IS NEEDED	
12:40						COMPANY MAN RELEASED US	
12:45						ALL EO'S BACK ON DUTY	
12:46						POST-JOB SAFETY MEETING, RIG DOWN	
						TOP OF CEMENT @ SURFACE, APPROX 5 BBLS OF CEMENT BACK TO SURFACE	
						THANK YOU FOR YOUR SAFE WORK, GOOD COMMUNICATION & COOPERATION !!!!! DANIEL & THE CREW	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	5	148.75	0	Y <input checked="" type="checkbox"/> N	